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Dated: June 19, 2007

Signature:

(Rebecca Butler-Guinan)

Docket No.: 68349-00008USPX
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Patent Application of:
Ramiro Quintero Illera et al.

Application No.: 10/797,732

Confirmation No.: 3413

Filed: March 10, 2004

Art Unit: 2821

For: MULTILEVEL AND SPACE-FILLING
GROUND-PLANES FOR MINIATURE AND
MULTIBAND ANTENNAS

Examiner: H. T. Le

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement, pursuant to 37 CFR 1.114(c), accompanies the Request for Continued Examination (37 CFR 1.114) submitted herewith.

Applicant has not submitted copies of each cited U.S. patent and U.S. patent application in accordance with 37 CFR 1.98(a)(2). Applicant submits herewith copies of any cited non-patent documents and foreign patent documents in accordance with 37 CFR 1.98(a)(2).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 23-2426, under Order No. 68349-00008USPX. A duplicate copy of this paper is enclosed.

Dated: June 19, 2007

Respectfully submitted,

By 

Ross T. Robinson

Registration No.: 47,031

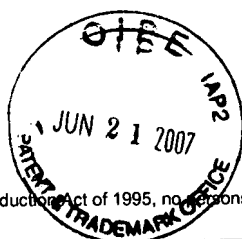
WINSTEAD PC

P.O. Box 50784

Dallas, Texas 75201

(214) 745-5400

Attorneys For Applicant



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PTO/SB/08a (08-03)
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	10797732
	Filing Date	03/10/2004
	First Named Inventor	Ramiro Quintero Illera
	Art Unit	2821
	Examiner Name	LE, Hoanganh T
	Attorney Docket Number	68349-00008USPX

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	5262792		1993-11-16	EGASHIRA	
	2	6218992	B1	2001-04-17	SADLER	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20010033250	A1	2001-10-25	KEILEN	

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FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ² ;	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1	0892459	EP	A1	1999-01-20	NOKIA MOBILE PHONES		<input type="checkbox"/>
	2	1026774	EP	A2	2000-01-18	SIEMENS AKTIENGESELLSCHAFT		<input type="checkbox"/>

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Not for submission under 37 CFR 1.99)

Application Number		
Filing Date		
First Named Inventor		
Art Unit		
Examiner Name		
Attorney Docket Number		

3	0688040	EP	A2	1995-06-09	NIPPON TELEGRAPH AND TELEPHONE CORPORATION		<input type="checkbox"/>
4	10261914	JP		1998-09-29	MURATA MANUFACTURING CO; FUJI ELECTRIC CO LTD		<input type="checkbox"/>
5	1148581	EP	A1	2000-06-01	KOSAN INFORMATION & TECHNOLOGIES CO. LTD.		<input type="checkbox"/>
6	0519508	EP	A1	1992-06-19	SUMITOMO METAL MINING COMPANY LIMITED		<input type="checkbox"/>
7	1211750	EP	A2	2001-11-30	KABUSHIKI KAISHA TOSHIBA		<input type="checkbox"/>
8	9908337	wo	A1	1999-02-18	TELENOR AS		<input type="checkbox"/>
9	2416437	CA	A1	2001-07-09	IN4TEL		<input type="checkbox"/>

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NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5
	1	ELAMARAN, A beam-steerer using reconfigurable PGB ground plane, IEEE. MTT-S Int. Microwave Symp. Dig, 2000	<input type="checkbox"/>
	2	KIM, A novel photonic bandgap structure for low-pass filter of wide stop band, IEEE Microwave and Guided Wave Letters, Jan. 2000, vol. 10, n. 2	<input type="checkbox"/>

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number		
	Filing Date		
	First Named Inventor		
	Art Unit		
	Examiner Name		
	Attorney Docket Number		

3	GSCHWENDTNER, Multi-service dual-mode spiral antenna for conformal integration into vehicle roofs, IEEE Antennas and Propagation Society International Symposium, 2000	<input type="checkbox"/>
4	HUANG, Dielectric resonator antenna on a slotted ground plane, IEEE Antennas and Propagation Society International Symposium and USCN/URSI National Radio Science Meeting, 2001	<input type="checkbox"/>
5	WERN, Designs of compact microstrip antennas with a slotted ground plane, IEEE Antennas and Propagation Society International Symposium, 2001	<input type="checkbox"/>
6	HORII, Harmonic control by photonic bandgap on microstrip patch antenna, IEEE Microwave and Guided Wave Letters, 1999, vol. 9 no. 1	<input type="checkbox"/>
7	WONG, Improved microstrip Sierpinski carpet antenna, IEEE Proceedings of APMC, 2001	<input type="checkbox"/>
8	LIN, A dual-frequency microstrip-line-fed printed slot antenna, Microwave and Optical Technology Letters, March, 20, 2001, Vol. 26, No. 6	<input type="checkbox"/>
9	HUYNH, Ground planes effects on PIFA performance, IEEE APS/URSI Conference, July 2000	<input type="checkbox"/>
10	VOLSKI, Influence of the shape of the ground plane on the radiation parameters of planar antennas, Proc. of the Millenium AP conference, April, 2000	<input type="checkbox"/>
11	NATARAJAN, Effect of ground plane shaoe on microstrip antenna performance for cell.phone applications, IEEE Antennas and Propagation Society International Symposium, 200, Vol. 3	<input type="checkbox"/>

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Examiner Signature		Date Considered	
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